

FIG. 1

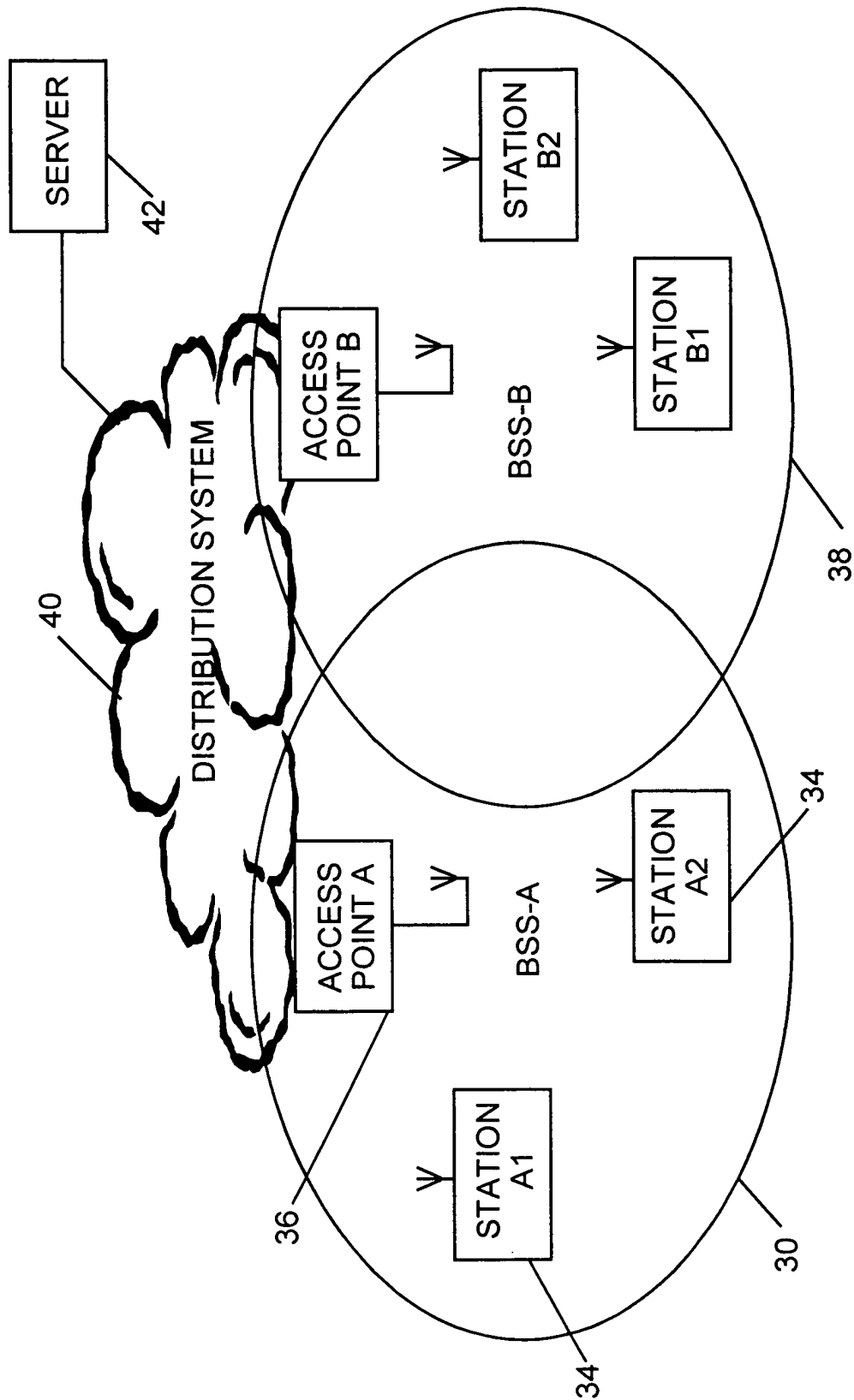


FIG. 2

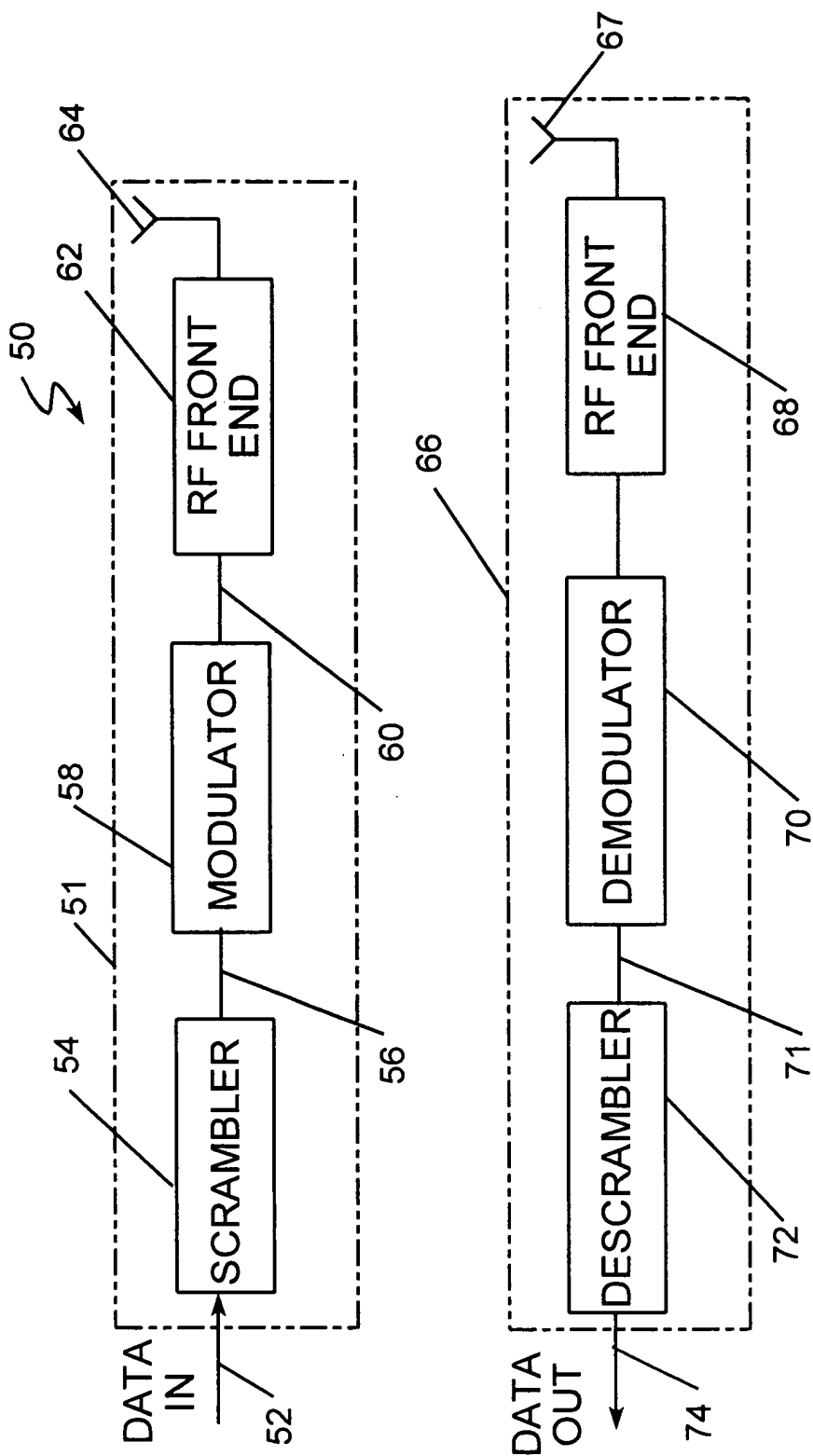


FIG. 3

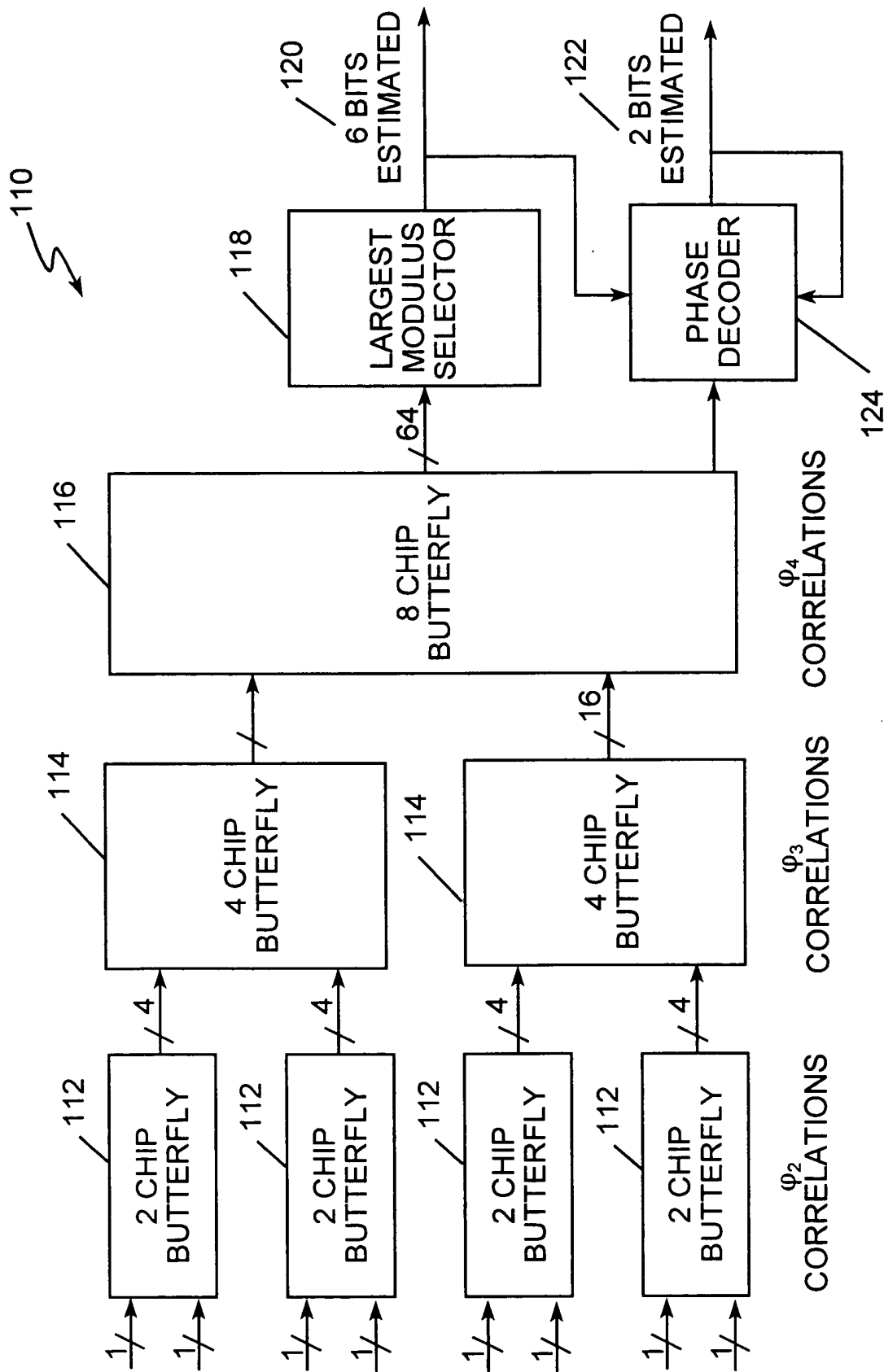


FIG. 4  
(PRIOR ART)

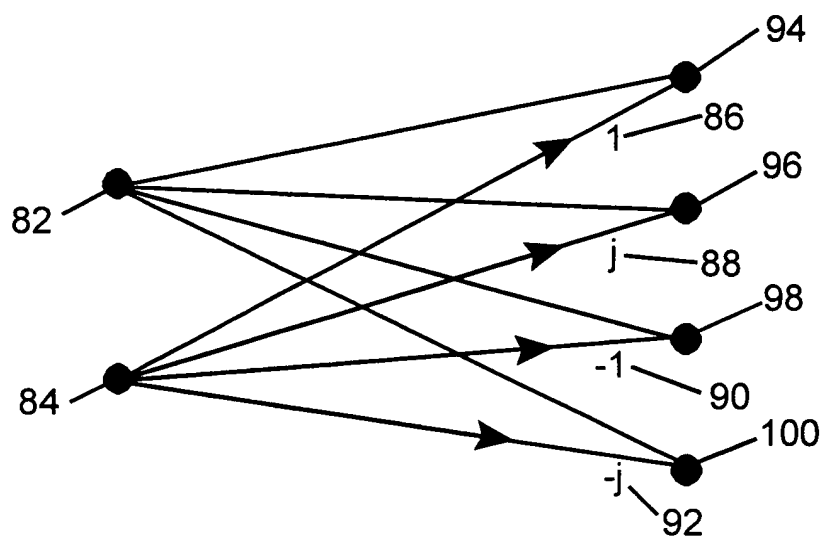


FIG. 5

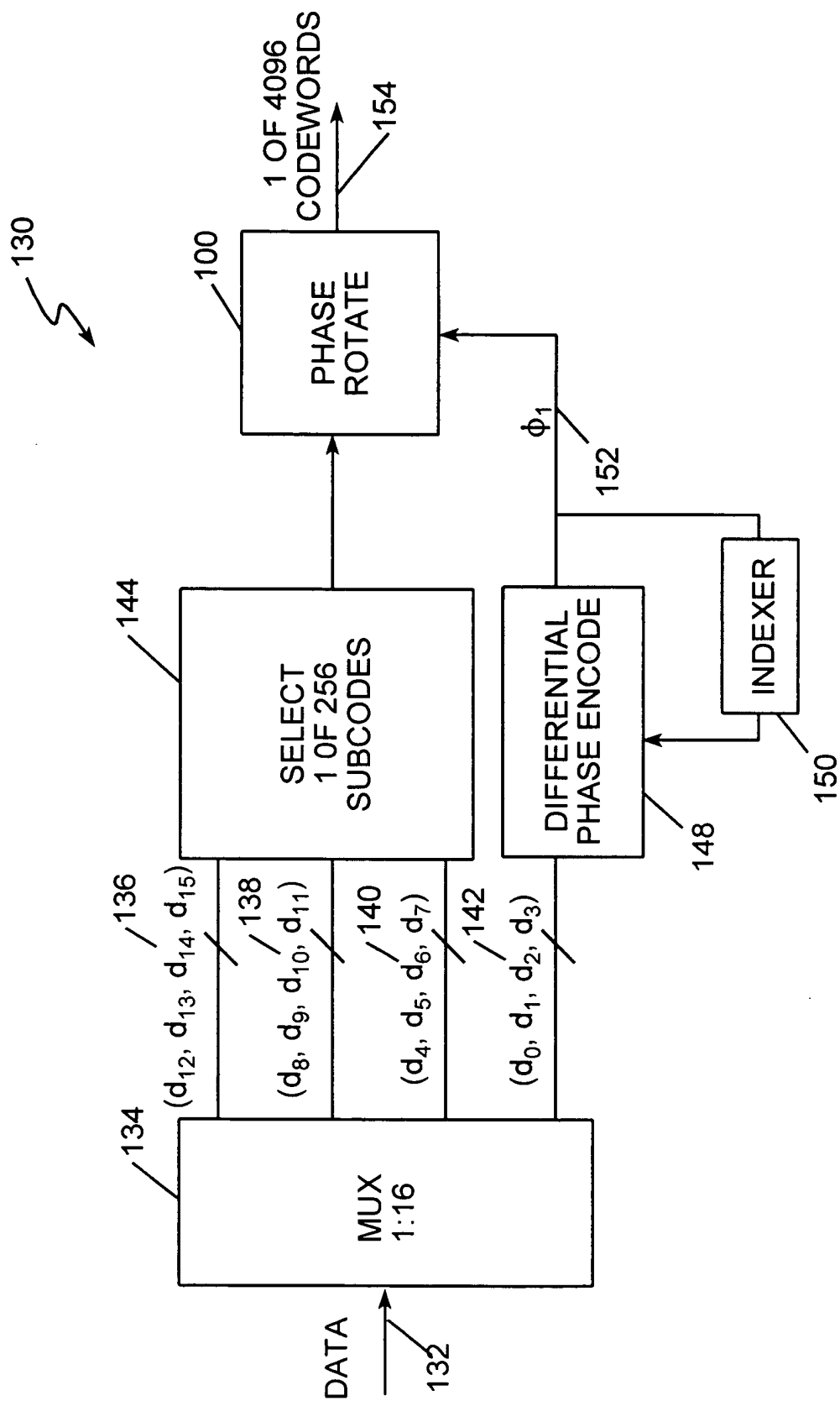


FIG. 6

$$M_2 = \begin{vmatrix} \exp(j\varphi_2) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \exp(j\varphi_2) & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \exp(j\varphi_2) & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & -\exp(j\varphi_2) & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{vmatrix}$$

164

$$M_3 = \begin{vmatrix} \exp(j\varphi_3) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \exp(j\varphi_3) & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \exp(j\varphi_3) & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \exp(j\varphi_3) & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{vmatrix}$$

162

$$M_4 = \begin{vmatrix} \exp(j\varphi_4) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \exp(j\varphi_4) & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \exp(j\varphi_4) & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \exp(j\varphi_4) & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{vmatrix}$$

160

FIG. 7

170

$$M_{2E} = \begin{vmatrix} \exp(j\phi_2+\psi_2) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \exp(j\phi_2+\psi_2) & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \exp(j\phi_2+\psi_2) & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & -\exp(j\phi_2+\psi_2) & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{vmatrix}$$

172

$$M_{3E} = \begin{vmatrix} \exp(j\phi_3+\psi_3) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \exp(j\phi_3+\psi_3) & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \exp(j\phi_3+\psi_3) & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \exp(j\phi_3+\psi_3) & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{vmatrix}$$

174

$$M_{4E} = \begin{vmatrix} \exp(j\phi_4+\psi_4) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \exp(j\phi_4+\psi_4) & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \exp(j\phi_4+\psi_4) & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \exp(j\phi_4+\psi_4) & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{vmatrix}$$

FIG. 8



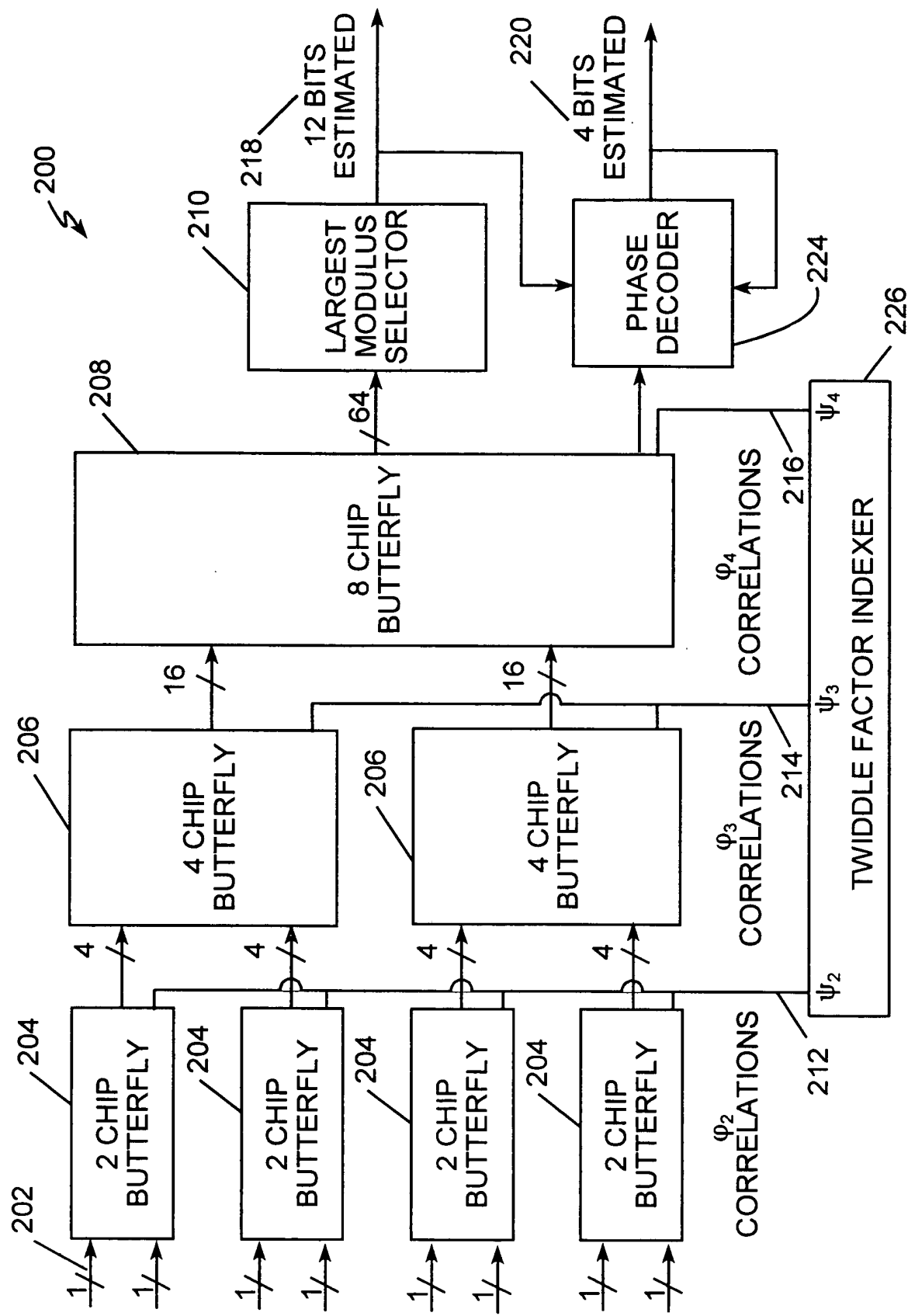


FIG. 9

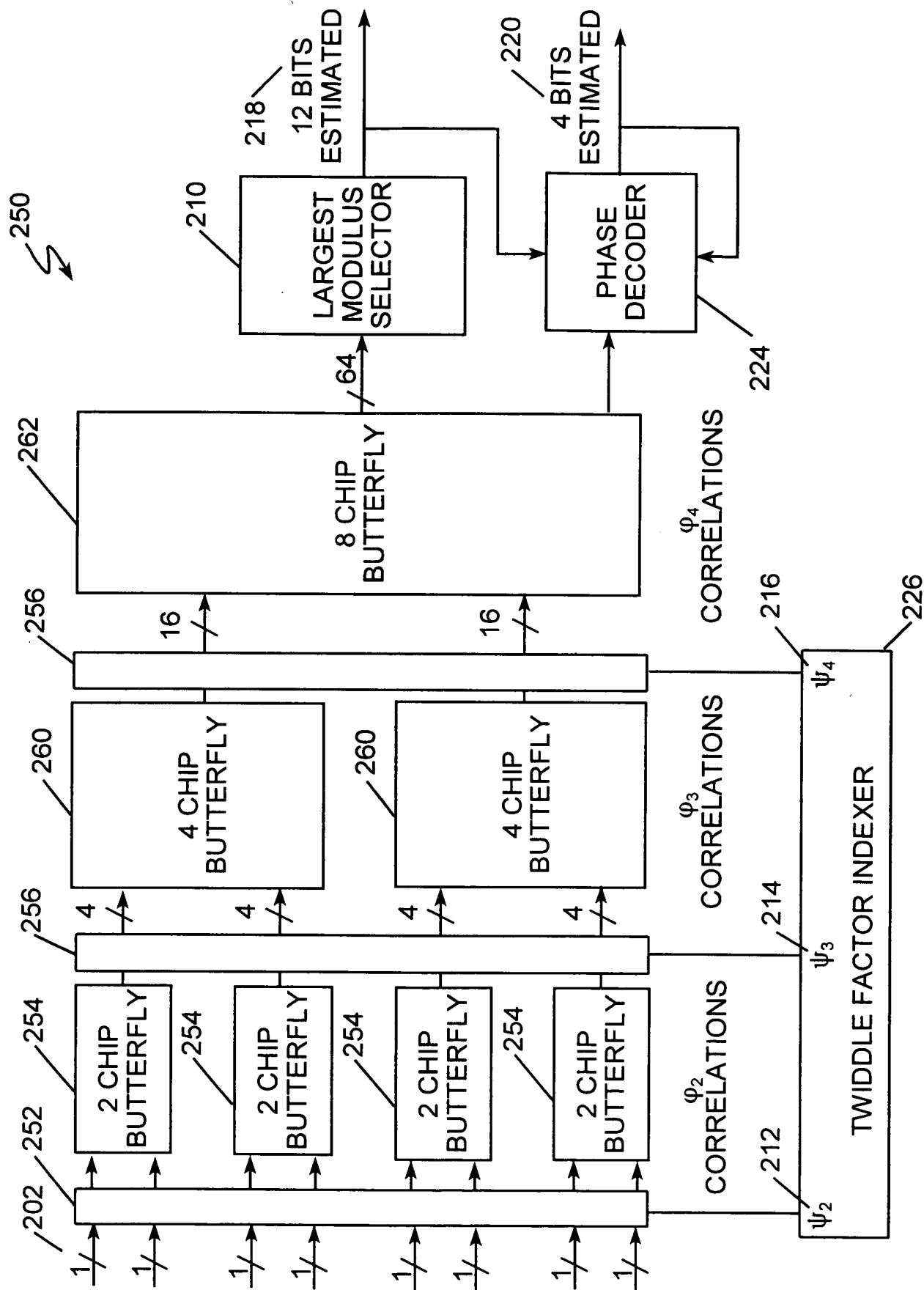


FIG. 10